

Power Cost Memorandum Fuel Cost Update

Date: **August 5, 2021**

Utility Name (Cert. No.) Nunam Iqua Electric Co. (408)	Utility File No. PC61-0419E	Date Filed: June 24, 2021
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PCE AMOUNT SUMMARY	Previously Approved PC61-0419D	Staff Recommended Amount(s) and Effective Date PC61-0419E
Class Rate	Date Approved: July 1, 2021	August 6, 2021
Residential	\$0.00	\$0.00
Community Facilities	\$0.00	\$0.00
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: <u>\$2.2229</u>	New Fuel Purchase Price: \$ 2.6955
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: <u>n/a</u>	Surcharge Change: Previous <u>0.1698</u> Updated <u>0.2076</u>

Weighted Average Fuel Price/Gal. Calculation					
	Gallons		Price		
On-hand before deliv.	15,321	X	2.2229	=	34,057.05
Delivered	106,000	X	2.7638	=	292,962.80
	<u>121,321</u>				<u>\$ 327,019.85</u>
					Weighted Average <u>\$ 2.6955</u>

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Signed: *Brenda Cox*
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 8/5/21)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
Kurber		<i>KRL</i>		
Scott		<i>AGS</i> <small>AGS</small>		
Sullivan		<i>DS</i> <small>DS</small>		
Wilson	8/6/2021	<i>Qua</i> <small>Qua</small>		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

Nunam Iqua Electric Co., f/k/a Sheldon Point

APPENDIX 1

POWER COST EQUALIZATION CALCULATION
FOR TEST PERIOD ENDING DECEMBER 31, 2018
Fuel Cost Update

	PC61-0419D		PC61-0419E
	Prior Commission Approval	Per Utility	Staff Recommended
A. Total kWh Generated	773,081	773,081	773,081
B. Total kWh Sold (Appendix 2)	713,230	713,230	713,230
C. Total Non-Fuel Costs (Appendix 2)	126,273	126,273	126,273
D. Non-Fuel Cost/kWh (C / B)	\$0.1770	\$0.1770	\$0.1770
E. Total Fuel Costs (Appendix 2)	135,568	164,390	164,390
F. Fuel Costs/kWh (E / B)	\$0.1901	\$0.2305	\$0.2305
G. Eligible Costs/kWh (D + F)	\$0.3671	\$0.4075	\$0.4075
H. Eligible Cost/kWh (G) Less 20.03 cents/kWh	\$0.1668	\$0.2072	\$0.2072
I. Lesser of (H) or 79.97 cents/kWh	\$0.1668	\$0.2072	\$0.2072
J. Average Class Rates (Appendix 3)			
Residential	\$0.2015	\$0.2393	\$0.2393
Community Facilities	\$0.2015	\$0.2393	\$0.2393
Class Power Cost Equalization Per kWh Payable			
K. Lesser of: (I) x 95% or (J)			
Residential	\$0.1585	\$0.1968	\$0.1968
Community Facilities	\$0.1585	\$0.1968	\$0.1968
L. Funding Level in Effect	*0%	0%	0%
Residential	\$0.0000	\$0.0000	\$0.0000
Community Facilities	\$0.0000	\$0.0000	\$0.0000

*Order U-21-019(3), dated July 22, 2021, determined the PCE amount to be 00.00 cents/kWh, for bills rendered on or after July 1, 2021.

PC61-0419E
Appendix 1

Nunam Iqua Electric Co., f/k/a Sheldon Point

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
FOR TEST PERIOD ENDING DECEMBER 31, 2018

Fuel Cost Update

		PC61-0419D	PC61-0419E	
		Prior Commission Approval	Per Utility	Per Staff
Non-Fuel Costs:				
A.	Personnel Costs	64,943	64,943	64,943
B.	Operating Expenses	12,893	12,893	12,893
C.	General & Administrative	37,023	37,023	37,023
D.	Depreciation	11,414	11,414	11,414
E.	Interest Expense	-	-	-
F.	Other (Describe)	-	-	-
G.	Total Non-Fuel Costs	\$126,273	\$126,273	\$126,273
Fuel Costs:				
H.	Gallons Consumed for Electric Generation	60,987	60,987	60,987
I.	Price of Fuel: (per gal) Weighted Average	\$2.2229	\$2.6955	\$2.6955
J.	Total Cost of Fuel (H x I)	\$135,568	\$164,390	\$164,390
K.	kWh Generated	773,081	773,081	773,081
L.	kWh Sales	713,230	713,230	713,230
M.	kWh Station Service	29,314	29,314	29,314
N.	Efficiency \geq	Standard 11.50		
	(kWhs generated per gallons consumed)	12.68	12.68	12.68
O.	Line Loss \leq	12%	3.95%	3.95%
(kWh Generated - (kWh Sold + Station Service))/kWh Generated				

PC61-0419E
Appendix 2

Calculation of Average Class Rate per kWh

Rate Schedule: Residential

CC: \$ 6.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh
500	0.2200	0.2076	0.4276	219.80	0.4396	0.2393
500				219.80	0.4396	0.2393
TOTAL (A)						(E)

Rate Schedule:

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh
0						
TOTAL (A)						(E)

Rate Schedule:

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh
0.00						
TOTAL (A)						(E)

Computation of Community Facilities Average Rate

Rate Schedule:

CC: \$ 6.00

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)+ CC/500	(7) Avg. Rate (\$/kWh) - \$0.2003 kWh
0 to ∞	0.2200	0.2076	0.4396	0.2393
Next to				
Next to				
Next to				
Next to				

Nunam Iqua Electric Co., f/k/a Sheldon Point

Beginning Fuel Inventory		15,321			
Last Approved Fuel Cost/Gal.			\$ 2.2229		
Beginning Fuel Inventory in Gallons	X	Last Approved Fuel Cost/Gal.	=	Beginning Fuel Inventory Cost	--- \$ 34,057.05
Reporting Period Purchases	06/06/21	106,000	2.7638		292,963
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
					-
Totals for Reporting Period Purchases on this sheet:		106,000			292,963
Grand Totals (beginning inventory plus purchases)		<u>121,321</u>			<u>\$ 327,020</u>
Purchases Total Cost for purchases divided by Total Gallons purchased in period =					<u>\$ 2.7638</u>
Grand Total Cost divided by Grand Total Gallons =					<u>\$ 2.6955</u>

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